TYPICAL MEDIAN
SHOULDER

TYPICAL OUTSIDE
SHOULDER

Usable Shoulder Width

Paved Shoulder Width

1 ft

Lane Width

Lane Width

Paved Shoulder Width

2 ft

Slope Break Point (Optional)

Shoulder
Break
Point

Req'd. Slope

Req'd. Slope

Req'd. Slope

Slope Break Point

Req'd. Slope

Slope varies by design (typ.)

Limits Of Subgrade Treatment

2 ft

TYPICAL MEDIAN
SHOULDER WITH
BARRIER WALL

Paved Shoulder
Width

Req'd.
Slope

Mainline and Shoulders

(1) PCCP

* (2) Subbase for PCCP (3 in. Coarse Aggregate No.8 On 6 in. Coarse Aggregate No.53, Base)

(2A) 6 in. Compacted Aggregate, No. 53, Base

(3) Variable-Depth Compacted Aggregate, No. 53

(4) Pipe, Type 4, Circular, 6 in.

(5) Subgrade Treatment

(6) Longitudinal Joint or Longitudinal Construction Joint. See Figure 52-13R for Pavement Joint Options.

(7) Concrete Median Barrier

* Where underdrains are not required, Dense Graded Subbase should be used.

PCCP SECTION WITH PCC SHOULDER, ≥ 30 MILLION ESALs
Figure 52-13F